INDEX.

ARTICLES MARKED WITH AN ASTERISK ARE ILLUSTRATED.

PAGE

Abbott, Emerson, T. Ways, The, of Bees. (Corr.) 840
Aber, Mary Alling. Experiment, An, in Education 377, 517
Agassiz at Penikese. D. S. Jordan 721
Air, Bad, and Bad Health. H. Wager and A. Herbert 814
" Breathe Pure. J. W. Quinby 192
Albatross, the Wandering, Habits of. (Misc.) 855
Allotropism in Alloys. (Misc.) 568
Animals, Amusements of. (Misc.) 861
" Domestic, in India.* J. L. Kipling 597
" in the Desert of Gobi. (Misc.) 141
" the Lower, Progress and Perfectibility in. E. P. Evans 170
Ant Mineralogist. (Misc.) 857
Artesian Wells and their Flow. (Misc.) 135
Ashley, Charles S. Progress, The, of the Silver Question. (Corr.) 413
Association of Official Geologists. (Misc.) 281
Astronomy. A. D. White 577, 729
Atlantic Coast, Changes in Level of the. (Misc.) 281
Atkinson, Edward, and Edward T. Cabot. Personal Liberty 433

Bacteria, Determination and Cultivation of. (Misc.) 427
" in our Dairy Products. H. W. Conn 763
Baldness, Causes of. (Misc.) 284
Barber, Edwin Atlee. Recent Advances in the Pottery Industry* 289
" Rise, The, of the Pottery Industry* 145
Baths of the Accursed, The. (Misc.) 565
Bartram, John and William, Sketch of* 827
Bees, The Ways of. (Corr.) E. T. Abbott. E. P. Evans 840
Benton, Warren G. Ethics, The, of Confucius 87
Bicycle, Righting the.* (Corr.) F. A. Fernald 267
Birds, The, of the Farne Islands. (Misc.) 138
Blanchard, E. Recent Oceanic Causeways 540
Bogy-hunting. (Editor's Table) 845
Books noticed 126, 272, 416, 556, 701, 843

Agora, The, 709.
American Journal of Psychology, April, 1891, 130.
Anderson, Edward L. The Universality of Man's Appearance and Primitive Man, 422.
Arkansas. Report of the Geological Survey for 1888. J. C. Branner, State Geologist, 560.
Atkinson, J. C. The Last of the Giant-killers, 561.
Bacteriological World and Modern Medicine, 852.
Ball, Robert. The Cause of an Ice Age, 556.
Ball, Sir Robert S. Star-Land, 848.
Bandelier, A. F. Contributions to the History of the Southwestern Portion of the United States, 422.

Books noticed:

Bardeen, C. W. The Teacher as he should be, 709.
Bien, H. M. Ben Beor, a Story of the Anti-Messiah, 560.
Blair, Andrew A. The Chemical Analysis of Iron, 278.
Blanchard, Rafael. Los Animales Parásitos introducidos por el Agua en el Organismo, 131.
Bodington, Alice. Studies in Evolution and Biology, 128.
Böhm-Bawerk, Eugen V. The Positive Theory of Capital, 704.
Bolles, Frank. The Land of the Lingering Snow, 560.
Brainard, F. R. The Sextant and other Reflecting Mathematical Instruments, 562.
Bronson, Thomas Bertrand. Colloquial German, 709.
Brooklyn Institute. Third Year-book, 1890–'91, 422.
Burton, Charles V. Introduction to Dynamics, 131.
Carpenter, William B. The Microscope and its Revelations, 848.
Carus, P. Homilies of Science, 850.
Chamberlain, A. F. Modern Languages and Classics in America and Europe, 562.
Chamberlain, Montague. A Popular Handbook of the Ornithology of the United States and Canada, 702.
Chart of the Metric System, 423.
Charts showing the Average Monthly Cloudiness in the United States, 563.
Charts showing the Probability of Rainy Days, 563.
Cobb, John Storer. The Torch and the Tomb, 422.
College of Science of the Imperial University of Japan. Journal, Vol. IV, Part I 130.
Cooke, Josiah P. Laboratory Practice, 277.
Crummell, Alexander. Africa and America, 846.
Davis, J. Woodbridge. Dynamics of the Sun, 423.
Dole, Charles F. The American Citizen, 132.
Dufferin and Ava, The Marchioness of. My Canadian Journal, 1872–'78, 701.
Educational Papers by Illinois Science Teachers, 134.
Egleston, T. Catalogue of Minerals and Synonyms, 419.
Emtage, W. T. A. An Introduction to the Mathematical Theory of Electricity and Magnetism, 421.
Evolution in Science and Art, 272.
Fall, Delos. An Introduction to Qualitative Chemical Analysis, 708.
Fiske, Amos K. Beyond the Bourn, 279.
Foster, Michael. Text-book of Physiology, 277
Geikie, Archibald. Geological Sketches, 848.
Geografia per Tutti. A. Ghisleri, Editor, 133.
George, Henry. The Condition of Labor, 562.
Gibbins, H. DeB. The History of Commerce in Europe, 419.
Goss, John Dean. The History of Tariff Administration in the United States, 131.
Griswold, W. M. Descriptive List of British Novels, 851.
Guillemin, Amédée. Electricity and Magnetism, 705.
Hamilton, Claude C., Editor. Muter's Manual of Analytical Chemistry, 278.
Harper, William Rainey, and Herbert Curling Tolman, Editors. Eight Books of Cæsar's Gallic War, 133.
Harper, W. R., and I. B. Burgess. Inductive Latin Primer, 850.
Hemstreet, William. Mind is Matter; or, the Substance of the Soul, 419.
Herbart, Johann Friedrich. A Text-book in Psychology, 417.
Hermetic Philosophy, Vol. II, 849.
Hinton, Richard J. Progress Report on Irrigation in the United States, 129.
Howard, John R. Henry Ward Beecher: a Study of his Personality, Career, and Influence in Public Affairs, 280.
Huling, Ray Greene. School and College, 848.
Hunt, Thomas Sterry. Systematic Mineralogy, based on a Natural Classification, 557.
Hutchinson, H. N. Story of the Hills, 847.
Jones, Alonzo T. The Two Republics; or, Rome and the United States of America, 704.
Jones, D. E. Elementary Lessons in Heat, Light, and Sound, 278.
Journal of American Archæology and Ethnology. J. Walter Fewkes, Editor, 133.
Journal of Morphology, Vol. IV, No. 3, 421; Vol. V, No. 1, 422.
Journal of Physiology. Michael Foster, Editor, Vol. XII, 702.
Kinmont, Alexander. The Natural History of Man and the Rise and Progress of Philosophy, 274.
Kittredge, A. O., Editor. The Metal-Worker Essays on House-heating by Steam, Hot Water, and Hot Air, 420.
Kolkin, Nils. Ethereal Matter; Electricity and Akasa, 709.
Langley, S. P. Studies in Aërodynamics, 701.
Lanin, E. B. Russian Traits and Terrors, 850.
Leighton, Caroline C. Intimations of Eternal Life, 420.
Little Tour in Ireland, A, 561.
Loewy, Benjamin. A Graduated Course of Natural Science, Part II, 707.

Books noticed:

Lyons, Daniel. Christianity and Infalli ty; Both or Neither, 703.
MacQueary, Howard. Topics of the Times, 276.
Martin, G. H. Antidotes for Superstition, 851.
Maurice, F. War, 132.
Merrill, George P. Stones for Building and Decoration, 418.
Mills, Wesley. How to keep a Dog in the City, 562.
Mitchell, Ellen M. Study of Greek Philosophy, 560.
Moulton, Richard G. Address on the University Extension Movement, 279.
Nettleton, Edwin S. Report of Artesian and Underflow Investigation, 129.
New York Agricultural Experiment Station. Bulletin, No. 33, 708; Report for 1890, 422.
Nissen, Hartvig. The A B C of the Swedish System of Educational Gymnastics, 709.
Ochorowitz, J. Mental Suggestion, 706.
Olmsted, Denison. An Introduction to Natural Philosophy, 275.
Osborn, Herbert. The Pediculi and Mal lophaga affecting Man and the Lower Animals, 278.
Ostwald, W. Solutions, 706.
Parker, William W. Instinct in Animals and Intelligence in Man contrasted, 130.
Parsons, James Russell, Jr. Prussian Schools through American Eyes, 132.
Peterman, Alexander L. Elements of Civil Government, 279.
Peters, Edward Dyer. Modern American Methods of Copper-smelting, 707.
Pick, Edward. Dr. Pick's Method applied to acquiring the French Language, 563.
Pierson, Arthur T. Stumbling-stones removed from the Word of God, 133.
Plympton, George W. How to become an Engineer, 562.
Poole, Joseph. The Practical Telephone Hand-book, 707.
Poole, W. H. and Mrs. Cookery for the Diabetic, 850.
Postmaster-General. Postal Savings-Banks; an Argument in their Favor, 709.
Putnam, George Haven. The Question of Copyright, 126.
Quarterly Register of Current History. Nos. 1, 2, and 3, 133, 563.
Railway Law and Legislation. W. P. Canaday and G. B. West, Editors, 709.
Randall, J. E. Practical Treatise on the Incandescent Lamp, 562.
Reeve, Charles A. The Prison Question, 127.
Remondino, P. C. History of Circumcision, 852.
Ribot, Th. The Diseases of Personality, 128.
Richter, Victor von. Chemistry of the Carbon Compounds, 275.
Rickoff, A. J. First Lessons in Arithmetic, 850.
Ryder, John A. The Sturgeons and Sturgeon Industries of the Eastern Coast of the United States, 127.
Sadtler, Samuel P. A Hand-book of Industrial Organic Chemistry, 418.
Schuchardt, C. Schliemann's Excavations: An Archæological and Historical Study, 558.
Scientific American Cyclopædia of Receipts, Notes, and Queries. Albert A. Hopkins, Editor, 559.
Shaler, N. S. The Story of our Continent, 708.
Sheldon, Samuel. Chapters on Electricity, 275.
Siebel, J. E. Original Communications of the Zymotechnic Institute, 278.
Silberstein, S. J. The Universe and its Evolution, 278.
Sloane, T. O'Conor. Electricity simplified, 707.
mith, Edgar F., and H. F. Keller. Experiments in General Chemistry, 849.
Society for Psychical Research. Proceedings, Parts XVIII and XIX, 130, 708.
Stewart, Seth T. Plane and Solid Geometry, 421.
Swift, Morrison I. Problems of the New Life, 132.
Terry, James. Sculptured Anthropoid Ape Heads, 423.
Texas. Second Annual Report of the Geological Survey. E. T. Dumble, State Geologist, 420.
Thomas, H. J. Slide-Rule Perpetual Calendar, 422.
Tolstoi, Leo. Ivan the Fool, 561.
Trevert, Edward. Electricity and its Applications, 131.
Trimble, Henry. The Tannins, 849.
United States Commission of Fish and Fisheries. Report for 1887, 851.
United States Commissioner of Labor. Report for 1890, 851.
Vis Medicatrix. Woods Hutchinson, M. D., Editor, 279.
Weed, Clarence M. Insects and Insecticides, 130.
Weinberg, A. How to make a Trial Balance, 563.
Weismann, August. Essays upon Heredity and Kindred Biological Problems, 847.
Westermarck, Edward. The History of Human Marriage, 416.
Whiting, Harold. Short Course of Experiments in Physical Measurements, Parts III and IV, 278, 561.
Wilcox, Walter F. The Divorce Problem, 131.
Wilson, Daniel. The Right Hand: Left-handedness, 276.

PAGE

Books noticed:

Wilson, J. Radical Wrongs in the Precepts and Practices of Civilized Man, 849.
Winslow, J. O. The Principles of Agriculture, 279.
Wood, Henry Trueman. Light, an Elementary Treatise, 562.
Worthington, Slack. Politics and Property or Phronocracy, 132.
Wright, John A. The Practical Working and Results of the Inter-State Commerce Act, 279.
Wright, Lewis. Optical Projection, 131.
Wyatt, Francis. Phosphates of America, 849.
Wyoming Agricultural Experiment Station. Bulletin, No. 1, 708.

Booth, James Curtis, Sketch of. (With Portrait) 116
Botany, Economic, Some of the Possibilities of. G. L. Goodale 57, 207
Bowlders, Remarkable.* D. A. Wells 340
Branner, John C. Cotton Industry, The, in Brazil 666
British Association, The. (Misc.) 424

Canaries. (Misc.) 718
Carpet-weaving in Persia. (Misc.) 285
Caste, Origin of. (Misc.) 428
Census, Lessons from the. C. D. Wright 75, 368, 459, 607, 785
Central Asian Phenomena. (Misc.) 142
Chapin, J. H. Colors of Names. (Corr.) 414
Chinese Cookery. (Misc.) 716
" Emigration, Cause of. (Misc.) 575
" View of it, A. (Misc.) 138
Churchill, William. Reef-knot Nets* 83
Cities, Social Statistics of. C. D. Wright 607
Climate and Health. (Misc.) 711
" Variations in. W. H. Larrabee 804
Clocks and Watches, Evolution of. (Misc.) 282
Colors of Letters. (Corr.) J. S. Stevens 697
" Names. (Corr.) J. H. Chapin 414
Compass, the Mariner's, Earliest Use of. (Misc.) 860
Conn, H. W. Bacteria in our Dairy Products 763
Cotton Industry, The, in Brazil. J. C. Branner 666
Courtship in Torres Strait. (Misc.) 714
Cremation in Japan. (Misc.) 715
Crookes, William. Electricity in Relation to Science 497
Customs, Illustration of. (Misc.) 863
Cyclopean Structures in Oceania. (Misc.) 429

Darwinism in the Nursery. L. Robinson 674
Davis, William Morris. Lost Volcanoes, The, of Connecticut* 221
" Sketch of William Ferrel. (With Portrait) 686
Denudation, Different Effects of. (Misc.) 135
Dog's Tail, The Wagging of the. (Misc.) 574
Dogs, The Training of.* W. Mills 236
Dress and Adornment.* F. Starr 44, 194
" Religious.* F. Starr 194
Du Bois-Reymond, Emil. Science and Fine Art 751
Durfee, William F. Manufacture, The, of Steel* 15
Dust. J. G. McPherson 251
Duthiers, De Lacaze. New Observations on the Language of Animals 528

PAGE
Earthquake, The, of October, 1891, in Japan. (Corr.) J. K. Goodrich..... 696
" The Great, of Port Royal.* A. B. Ellis..... 774
Education and Ethics. (Editor's Table)..... 698
" An Experiment in. M. A. Aber..... 377, 517
" The Preparatory Stage in. (Misc.)..... 568
Egyptian Identifications. (Misc.)..... 283
Electricity in Relation to Science. W. Crookes..... 497
Ellis, A. B. Great Earthquake, The, of Port Royal *..... 774
Eskimos, Stolidness of. (Misc.)..... 141
Ether, Nature of the. (Misc.)..... 430
Ethics, The, of Confucius. W. G. Benton..... 87
Evans, E. P. Progress and Perfectibility in the Lower Animals..... 170
" Ways, The, of Bees. (Corr.)..... 841
Evolution and Intelligence. (Editor's Table)..... 700
" and its Assailants. (Editor's Table)..... 414
" Intelligence and the Belief in. (Corr.) J. R. Thurston..... 696
Examinations, A Defense of. (Misc.)..... 710
Exhibition, An American, in Spain. (Misc.)..... 860

Fernald, Frederik A. Righting the Bicycle.* (Corr.)..... 267
Ferrel, William, Sketch of. (With Portrait.) W. M. Davis..... 686
Flowers, Origin of the Colors of. (Misc.)..... 717
Flying-machine, The Aviator.* G. Trouvé..... 392
Folk-lore Tales, Origin of. (Misc.)..... 430
Forest Reproduction in New England. 283
" Growth after Fire. (Misc.)..... 857
Forests, Offices of. (Misc.)..... 566
Fossil Insects. (Misc.)..... 567

Gems, The, of the Ancients. (Misc.)..... 713
Geology, Do we teach? R. T. Hill..... 41
Glacial Formations, Classification of. (Misc.)..... 430
" Groovings, Remarkable. (Corr.) D. S. Marvin..... 842
Glaciers, Alpine, Oscillations of. (Misc.)..... 717
Goodale, George Lincoln. Some of the Possibilities of Economic Botany.. 57, 207
Goodrich, J. King. Earthquake, The, of October, 1891, in Japan. (Corr.).. 696
Grammar-school Programme, Changes in the. (Misc.)..... 424
Graveyard Soil, Contamination of. (Misc.)..... 570
Guilds, Mediæval. (Misc.)..... 863
Guillemin, Amédée. Communication with the Planets..... 361
Guyot-Daubes. Stilts and Stilt-walking*..... 467
Gymnastics, Homely. A. B. Tweedy..... 524

Harvard Observatory Time-Service. (Misc.)..... 854
Health, Little Annoyances and. (Misc.)..... 428
" Safeguards of. (Editor's Table)..... 844
Henderson, C. H. Nationalization, The, of University Extension..... 500
" University Extension..... 1
Herbert, Auberon, and H. Wager. Bad Air and Bad Health..... 814
High Life..... 108

PAGE
Hill, Robert T. Do we teach Geology? 41
Holy Stones of the East and the West. (Misc.) 286
Hundred Miles an Hour. (Misc.) 857

Iceberg Formation, An Overlooked Mode of. (Misc.) 570
Instincts, The, of Cattle. (Misc.) 568
Intellectual Liberty, The Attack on, in Germany. (Editor's Table) 842
Involuntary Movements.* J. Jastrow 743

Jackson, Edward Payson. Moral Educability 647
Jade, Native, in Europe. (Misc.) 284
Jastrow, Joseph. Involuntary Movements 743
Jordan, David Starr. Agassiz at Penikese 721
" Story, The, of a Strange Land* 447
Jupiter and the Comets. (Misc.) 565

Kelley's Island Groove, The. (Corr.) M. C. Younglove 267
Kipling, John Lockwood. Domestic Animals in India* 597

Language of Animals, New Observations on the. De Lacaze Duthiers 528
Larrabee, W. H. Variations in Climate 804
Lepers in the Middle Ages. (Misc.) 566
Liebig, Justus von: an Autobiographical Sketch 655
Life-saving Service, The United States. (Misc.) 711
Life, Wild, in the Snow. (Misc.) 139
Lightning, Artificial Globular. (Misc.) 570
Lobster-fishery, The Future of the. (Misc.) 142
Loomis, Elias, Sketch of. (With Portrait) 405
Lost Volcanoes, The, of Connecticut.* W. M. Davis 221

Marvin, D. S. Remarkable Glacial Groovings. (Corr.) 842
McPherson, J. P. Dust 251
Mann, J. B. Silk Dresses and Eight Hours' Work 245
Marsupial Mole, The Australian.* E. Trouessart 650
Martin, Horace T. Musk Ox, The* 364
Melanesian Ghosts. (Misc.) 570
Mendeleef, Dimitri Ivanovitch, Sketch of. (With Portrait) 261
Mesopotamian Desert, The. (Misc.) 284
Metals, Utilizing the Less-known. (Misc.) 718
Mills, Wesley. Training, The, of Dogs* 236
Monkey Language, The. (Misc.) 137
Moral Educability. E. P. Jackson 647
Musical Instruments—The Organ.* D. Spillane 623
" The Piano-forte.* D. Spillane 473
" Orchestral.* D. Spillane 793
Musk Ox, The.* H. T. Martin 364
New Chapters in the Warfare of Science. A. D. White 323, 577, 729

Numismatics, Astronomy and. (Misc.) 283

PAGE

Obituary Notes. William Ferrell, Martin Duncan, L. Just, Francis Brunnow, Dr. Barclay 288
Cardinal Haynald, Edouard Lucas, Félix Hément, Charles Smith Wilkinson 432
William B. Watson, Percy W. Myles, Thomas Wharton Jones, Philip Herbert Carpenter 576
A. de Quatrefages, Jean Servais Stas, H. K. H. Hoffmann, Edouard Mailly, Harvey Goodwin, Joseph Lovering 720
Thomas Sterry Hunt, Sir George Biddell Airy, Émile de Laveleye, Duke of Devonshire, John Couch Adams, James Augustus Grant 864
Oceanic Causeways, Recent. E. Blanchard 540
Oil Paintings, Durability of. (Misc.) 862
Onion, Bermuda, Cultivation of the. (Misc.) 854
Opium-smoking, A Defense of. (Misc.) 716
Optics, Wayside.* C. A. Wood 616
Organic Variation a Chemical Problem. (Misc.) 712
Ornament.* F. Starr 44
Ornamentation, Excess of. (Misc.) 861

Painting, The Origin of. L. Popoff 100
Paper, Tests of. (Misc.) 425
Peabody Museum of Archæology. (Misc.) 853
Peroxide of Hydrogen, Properties of. (Misc.) 427
Personal Liberty. E. Atkinson and E. T. Cabot 433
Phosphorus in Plants and Animals. (Misc.) 285
Photography, Value of. (Misc.) 714
Planets, Communication with the. A. Guillemin 361
Playing-cards, Japanese. (Misc.) 136
Political Justice. (Editor's Table) 270
Popoff, Lazar. Origin, The, of Painting 100
Poppy, Cultivation of the. (Misc.) 571
Population, Our, and its Distribution. C. D. Wright 368
" The, of the Earth 400
" Urban. C. D. Wright 459
Potlach, The Uses of. (Misc.) 569
Pottery Industry, Recent Advances in the.* E. A. Barber 289
" The Rise of the.* E. A. Barber 145
Preservation of delicately Colored Specimens. (Misc.) 854

Quinby, J. W. Breathe Pure Air 192

Races, Two Ancient. (Misc.) 286
Railroad, Evolution on the. (Misc.) 572
Railway Accidents for 1889–'90. (Misc.) 855
Railroads, South American. (Misc.) 281
Rainfall by Explosion. (Misc.) 573
Rapid Transit. C. D. Wright 785
"Rare Earths," The, in America. (Misc.) 571
Reasoner, Is Man the only? J. Sully 506

PAGE
Reef-knot Nets.* W. Churchill 83
Religious Ideas of Savages. (Misc.) 858
River Channels, Ancient. (Misc.) 564
Roads, Chinese. (Misc.) 856
Robinson, Louis, M. D. Darwinism in the Nursery 674
Ross, P. D. Type-casting Machines* 180

Sanitary Mistakes. (Misc.) 859
Scharf Library, The, of Johns Hopkins. (Misc.) 136
Science and Fine Art. E. Du Bois-Reymond 751
Scientific Meetings, A Group of. (Editor's Table) 125
Sewage, Purification of. (Misc.) 282
Sheep and Cows, Non-drinking. (Misc.) 287
Silk Dresses and Eight Hours' Work. J. B. Mann 245
" Gauzes, Manufacture of. (Misc.) 855
Silver Question, The Progress of the. (Corr.) C. S. Ashley 413
Slavic Marriage Forecasts. (Misc.) 429
Snake-myths. (Misc.) 713
Species, Man's Agency in the Extermination of. (Misc.) 426
Spiders as Marplots. (Misc.) 863
Spillane, Daniel. Musical Instruments—The Organ* 623
" " The Piano-forte* 473
" " Orchestral* 793
Starr, Frederick. Ornament* 44
" Religious Dress* 194
Stars, The Universe of 545
Steel, The Manufacture of.* W. F. Durfee 15
Stevens, James S. Colors of Letters. (Corr.) 697
Stilts and Stilt-walking.* Guyot-Daubes 467
Story, The, of a Strange Land.* D. S. Jordan 447
Strong Man, The. (Editor's Table) 268
Sully, James. Is Man the only Reasoner? 506
Sulphur in Sicily. (Misc.) 575
Superstitions, Ancient, in Italy. (Misc.) 567
Swords, Famous Japanese. (Misc.) 137

Tail-like Formations in Men* 347
Theology and Political Economy. A. D. White 323
Thurston, John R. Intelligence and the Belief in Evolution. (Corr.) 696
Time-reckoning on the Congo. (Misc.) 572
Tombs, Royal, of Uganda. (Misc.) 861
Torture, Mediæval Instruments of. (Misc.) 858
Tramp Colonies. (Editor's Table) 271
Trouessart, E. Australian Marsupial Mole, The* 650
Trouvé, G. Aviator Flying-machine, The* 392
Tweedy, Alice B. Homely Gymnastics 524
Type-casting Machines.* P. D. Ross 180

University Extension. C. H. Henderson 1
" (Editor's Table) 123
" and the State. (Editor's Table) 554

PAGE

University Extension Lectures on Science. (Misc.)..... 575
" The Nationalization of. C. H. Henderson..... 500

Voice, Character of the. (Misc.)..... 859
Voodoo Imitation, A. (Misc.)..... 715

Wager, Harold, and A. Herbert. Bad Air and Bad Health..... 814
Water in Motion, Power of. (Misc.)..... 856
Waves, Some Characteristics of. (Misc.)..... 574
Weber, William Edward, Sketch of. (With Portrait)..... 548
Weddings among the Shushwap Indians. (Misc.)..... 573
Weeds, The Travels of. (Misc.)..... 136
Wells, David A. Remarkable Bowlders*..... 340
White, Andrew Dickson. Astronomy..... 577, 729
" Theology and Political Economy..... 323
Women, Where, rule. (Misc.)..... 140
Wood, Casey A., M. D. Wayside Optics*..... 616
Woods, Tests of. (Misc.)..... 285
Wright, Carroll D. Lessons from the Census..... 75, 368, 459, 607, 785
" Our Population and its Distribution..... 368
" Urban Population..... 459
" Social Statistics of Cities..... 607
" Rapid Transit..... 785
Wright, Prof., in the British Association. (Misc.)..... 426

Younglove, M. C. Kelley's Island Groove, The. (Corr.)..... 267

END OF VOL. XL.